



SMARTER IMAGING FOR BETTER LIVES

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Benefits:

- For camera operation in up to 70°C ambient temperature without sun radiation
- Up to 50°C with 350W/m² sun radiation
- Permanent temperature control
- Good UV and ageing resistance
- IP65 (camera enclosure)/IP54 (fan)
- 3" or 4" window for large lenses
- Other window materials available
- All Orca extensions and front lids incl. dome window usable
- With Orca extension with Meganova usable
- Only DC voltage required, easy handling
- Fully automatic operation, heating or cooling (depending on version)



Technical Details:

Max. Camera Size (w x h)	100 x 100mm
Max. Lens Diameter	120mm (profile) 78mm (3" front lid or Orca extensions)
Inner Length	180mm (M) 250mm (L)
Dimensions (l x w x h) (without cable gland)	212 x 138 x 202 (M) 282 x 138 x 202 (L)
With flange (l x w x h) (without cable gland)	219 x 138 x 202 (M) 289 x 138 x 202 (L)
Weight (without camera mount)	Ca. 4.5Kg (M) Ca. 6.1Kg (L)
Window Aperture	88mm (4") 65mm (3")
3"/4" standard window	BK7, double sided AR
3" IR Mirror	Order Number: 20.000.064
3" Germanium	Order Number: 20.000.018
3" Acrylic, double sided AR	Order Number: 20.000.033
Window Seal	EPDM

Enclosure Material	Anodized Aluminium
Enclosure Seals	EPDM
Cable Gland Aperture (max. connector size)	26.5mm
Cable Diameter	Self drilling
Cable Gland Seal	TPE
Operating Voltage	24V/DC
Temperature Range (Ambient)	-20 bis +70°C
Cooling Power	41W at dT=0°C
Protection Class	
Fan Enclosure	IP54
Camera Enclosure	IP65



Order Number (please specify camera type!):

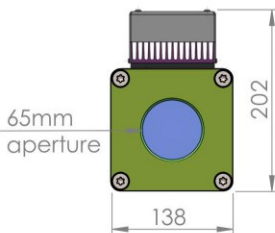
Produkt	Bestellnummer
Turtle MiC Elefant , for cameras up to 100x100mm cross section, inner length 180mm, internal Peltier controller (heating or cooling only), 5m power cable, BK7 4" window, rear wall C	70.600.180
Turtle M Elefant , for cameras up to 100x100mm cross section, inner length 180mm, without Peltier controller, 5m power cable, BK7 4" window, rear wall C	70.700.180
Turtle MiC Elefant Flange , for cameras up to 100x100mm cross section, inner length 180mm, internal Peltier controller (heating or cooling only), 5m power cable, BK7 3" window, rear wall C	70.650.180
Turtle M Elefant Flange , for cameras up to 100x100mm cross section, inner length 180mm, without Peltier controller, 5m power cable, BK7 3" window, rear wall C	70.750.180
Turtle LiC Elefant , for cameras up to 100x100mm cross section, inner length 250mm, internal Peltier controller (heating or cooling only), 5m power cable, BK7 4" window, rear wall C	70.600.250
Turtle L Elefant , for cameras up to 100x100mm cross section, inner length 250mm, without Peltier controller, 5m power cable, BK7 4" window, rear wall C	70.700.250
Turtle LiC Elefant Flange , for cameras up to 100x100mm cross section, inner length 250mm, internal Peltier controller (heating or cooling only), 5m power cable, BK7 3" window, rear wall C	70.650.250
Turtle L Elefant Flange , for cameras up to 100x100mm cross section, inner length 250mm, without Peltier controller, 5m power cable, BK7 3" window, rear wall C	70.750.250
External Peltier Controller , Din rail mount, 16A max current, programmable heating- and cooling levels, temperature control with emergency shut down, max. ambient temperature 60°C	70.300.270
Power supply for Turtle enclosures 24V/DC, 150W, Din rail mount.	70.200.253

Accessories:

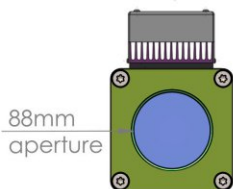
Product	Image	Order No.	Product	Image	Order No.	Product	Image	Order No.
Dragon Air Nozzle		50.100.030	Mounting Kit 1		5.010.000	Mounting Kit 10		5.100.000
3" Wind Curtain		50.100.011	Mounting Kit 2		5.020.000	Mounting Kit 15		5.150.000
30/60mm Extension		15.030.030 15.030.085	Mounting Kit 6		5.060.000	Mounting Kit 16/16m		5.160.000 5.160.000m
Dome Window		20.040.015	Mounting Kit 7		5.070.000	Mounting Kit 17/17m		5.170.000 5.170.000m
M72 Front Lid		20.040.018	Mounting Kit 9		5.090.000	Monting Tool		90.000.004



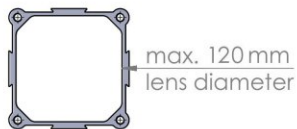
3" Window



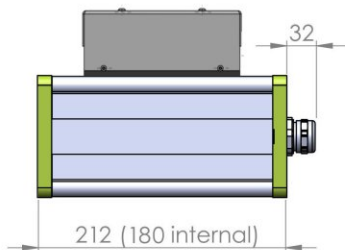
4" Window



Profile



Turtle M/MiC



Rear Wall C



Turtle L/LiC Flange

